

## **ICRAH** - ISOTECH COPPER PIPE ANCHORS **HEAVY DUTY**

File No. : ISOTECH-ICRAH-100 - 400

Date: 03/27/22

Copper Pipe (P) Type L By others

Size:A

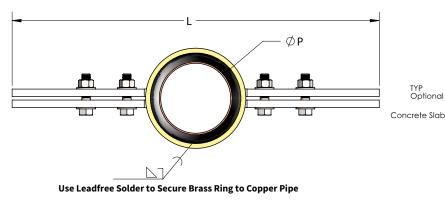
QTY=(8) Hex bolt, washer and nuts

Gap Between Clamps

Max. 1/4"

ISOIN-ICRAH-100 - 400 Installation Instructions Document, to be Reviewed for Installation

SPECIFICATIONS: ICRAH- ISOTECH COPPER PIPE ANCHORS HEAVY DUTY											
Model	Pipe Size	А		L		W		G		Rated Capacity	
	P (in)	in	mm	in	mm	in	mm	in	mm	lbf.	kN
ICRAH-100	1	3/8	10	11 <sup>13</sup> ⁄16	300	1 %16	40	2.43	61.60	1040	4.626
ICRAH-125	1.25	3/8	10	11 <sup>13</sup> ⁄ <sub>16</sub>	300	1 %16	40	2.43	61.60	1060	4.716
ICRAH-150	1.5	3/8	10	11 <sup>13</sup> ⁄16	300	1 %16	40	2.43	61.60	1120	4.982
ICRAH-200	2	3/8	10	13 %	340	1 %16	40	2.43	61.60	1370	6.094
ICRAH-250	2.5	3/8	10	13 %	340	1 %16	40	2.43	61.60	2060	9.164
ICRAH-300	3	1/2	13	15 ¾	400	1 %16	40	2.93	74.30	2570	11.532
ICRAH-400	4	1/2	13	15 ¾	400	1 %16	40	3.43	87.00	2800	12.456



## Note:

- 1- Rated capacities are all based on physical testing at a third-party ISO17025 accredited lab.
- 2- Tabulated rated capacities are based on testing values divided by a safety factor of 3.5
- 3- ISOTECH Riser Clamps are made of high strength steel and hardware are all Grade 5
- 4- Use Lead-free solder to secure ISOTECH Machined Brass Ring to copper pipe as shown
- 5- Follow soldering instructions for proper installation of brass ring on copper pipe
- 6- Solder ISOTECH machined brass ring on copper pipe before adding ISOTECH riser clamp
- 7- Ensure riser clamp is rested against brass ring lip on load direction
- 8- Torque value for Grade 5 Bolt size 3/8": 30 ft. Lbs For all clamps size 1" to 2.5"
- 9-Torque value for Grade 5 Bolt size 1/2": 60 ft. Lbs For clamps size 3" and 4"
- 10- ISOTECH Riser Clamps Complies with MSS SP-58 and SP-69 (Type 8)
- 11- Zinc Plated finish for clamps and hardware

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PROJECT INFORMATION	EQUIPMENT INFORMATION	Ca
Customer:	Туре:	35
Project:	Qty Required:	Wo
Drawing No:	Operating Weight:	T:
Notes:		

anada location

3/8"

Optional /

5 Silton Road loodbridge ON 4L 7Z8 CĂNADA : 905-856-5001

**USA Location** 

3021 E Coronado St. Anaheim, CA.,92806 U.S.A T: 949-788-2930



Tool free: 1-888-831-3311 www.isotechindustries.com

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